

TCF-2013 Saturday Talks & Forums — 16 March 2013, 9am—5pm, Indoor Flea Mkt opens 9am

AR = Armstrong Hall

SC = Science Complex Bldg.

PHY = Physics Area of SC Bldg.

Armstrong Hall & PHY

	AR-128	PHY-117	AR-144	AR-148	AR-102	AR-114	PHY-116	AR-124	AR-106	AR-156	PHY-128	Armstrong Hall & PHY
Saturday	Microsoft	IT-PC	Robotics	Apple	Technology & Games	Education & STEM	Hardware	Software/ Apps	Arduino Workshop	OOP University	Amateur Radio	Exhibits
10:15am to 11:10am	C# .NET Programming <i>D. Hsu</i>	Provisional Patents <i>H. Cheung</i>	Autonomous UAV <i>D. Bluman, K. Mittler, C. Kedmenec, & J. Thomas</i>	Discover iPad <i>D. Marra</i>	TCNJ Micromouse <i>J. Eger</i>	Getting Started: PCs/Pads, Internet & Digital Photography <i>H. Hinitz</i>	GPS Secrets 2013 <i>C. Lewart</i>	Developing Apps for Android Phones and Tablets <i>B. Burd</i>	Introduction to Arduino (Presentation)	Introduction to Java (Workshop) <i>M. Redlich</i>	Ham Cram 101 Ham Radio License Exam Preparation Cram Course	Special Exhibits and Demos
11:20am to 12:15pm	Microsoft Office 2013 <i>D. Soll</i>	Risk-based Security Management <i>S. Shah</i>	A Robot Conductor <i>T. Nakra</i>	OS X Mountain Lion <i>D. Marra</i>	TCNJ Solar Boat <i>T. Wardlow</i>	Updated Guide to Best Web Sites & Search Engines <i>E. Kaplan</i>	Homebrew Ham Radio Projects <i>G. Heron</i>		Hands-On with Arduino (Limited Space; Bring Your Laptop!)		Ham Cram Sessions begin at 10:15am and 11:20am (50-minutes each)	Digital Photo Exhibit
12:25pm to 1:20pm	Building Apps for the New Windows Store <i>D. Isbitski</i>	Identity Management for Humanitarian & Disaster Recovery <i>A. Firestone</i>	LEGO MINDSTORMS Robotics <i>D. Ferguson</i>	iBooks, Textbooks & Authoring <i>D. Marra</i>	Sensor Communication by Energy Harvesting <i>J. Jesson</i>	How do Search Engines Work? <i>M. Streitman</i>	SATCOM on the Move <i>A. Iepson, K. Christman, L. Lisooy, & J. Murduca</i>	Internet Job\$\$\$ <i>D. Hsu</i>		Introduction to C++ <i>M. Redlich</i>		3D Printer/ RepRap Demos by IEEE-PCJS in Room AR-116
1:30pm to 2:25pm		Role of Humanitarian Interfaces <i>R. Herring</i>	Robotics - An Introduction <i>O. Hernandez</i>	iLife: Photos, Movies, Music and More! <i>D. Marra</i>	Latest Technology in Console Computer Games <i>R. Amidon</i>	Keep Your Computer Bug Free <i>R. Kessler</i>	Build A Wireless Access System <i>D. Ferguson</i>	Operating a Business Entirely in the Cloud <i>J. Mikusi</i>	Arduino on the Network	Advanced C++ <i>M. Redlich</i>	Practice Exam given at 1:30pm	Historic Computers from MARCH in Room AR-187
2:35pm to 3:30pm	Featured Keynote Speaker: Frank O'Brien, Solar System Ambassador for NASA's Jet Propulsion Laboratory, will talk on "Roving Robots on Mars: The Journey of Curiosity" * , in Room Physics-101										Walk-in Real Exam given at 3:40pm	Clubs
3:40pm to 4:35pm	Introduction to Windows 8 <i>D. Soll</i>	Social Media Integration and Analytics <i>S. Krishnaje</i>	A Fire Fighting Robot <i>R. Richardson</i>	iWork: Impressive Docs, Spreadsheets & Presentations <i>D. Marra</i>	History of Mobility and Mobile Data <i>L. Judice</i>	The New Space Age <i>G. Bunk</i>	Smart Electrical Power Systems <i>A. Grullon</i>	Introduction to Agile for Engineers <i>C. Glennon</i>	Controlling the World with Arduino <i>P. Bergsman</i>	Introduction to OOP Design Principles <i>M. Redlich</i>	Conducted by the David Sarnoff Radio Club <i>M. Redlich</i>	IEEE Micromouse Contest (Starts at 12:15pm by Rm. PHY-101) www.n2re.org

2013 Trenton Computer Festival — Saturday, 16 March 2013

Focus on Robotics: Seven robotics-oriented talks plus a keynote on the Roving Rovers on Mars: The Journey of Curiosity.

Along with the Micromouse competition and the *FIRST* competition.

(Keynote co-sponsored by IEEE-PCJS Robotics and Automation Society.)

Object-Oriented Programming University: Offers a one-day hands-on introduction to object-oriented programming by Mike Redlich, President of ACGNJ.

Events Co-located on Campus with TCF:

FIRST Mid-Atlantic Robotics District Competition: TCF Attendees are invited to visit a *FIRST* district robotics competition being held in the TCNJ Student Recreation Center. Admission to the competition is free and open to the public.

HackTCNJ Hackathon. See students hack their best app and compete for fame, glory and prizes at Hack TCNJ 2013! Located in the TCNJ Brower Student Center. For Info: <http://hacktcnj.com>

NASA/JPL-Caltech/MSSS



2:35pm - Featured Keynote Speaker:
Frank O'Brien,
Solar System Ambassador
for NASA's Jet Propulsion Lab,
in Room Physics-101

TCF'13

Saturday Evening Banquet

Featuring a talk on
"Robot Explorers: Voyager & New Horizons"
by Aram Friedman,
Former Director of Engineering,
Hayden Planetarium.

6:00pm - New Education Bldg, Rm. 212

Admission: \$25

Tickets available on the TCF website
www.tcf-nj.org (by March 10th).
Pick up tickets on Sat. at VIP/Speakers desk.

Friday - ITPC 2013

The 8th TCF Information Technology
Professional Conference

8:30am to 5:00pm in Armstrong Hall
Friday, March 15, 2013

(Conference registration required.)
Info & Fees: <http://tcf-nj.org/pc>

www.tcf-nj.org